Curriculum Vitae
Ahmet K. Feyzioglu
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Personal Information

Born on April 23, 1959.
Turkish citizen.
Married.
Languages: Turkish (native language), English, German, French.

Contact

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Mathematical

Education history

B.S.: Istanbul University, Department of Mathematics (November 20, 1980).
Ph.d.: Johannes Gutenberg Universität, Mainz, Germany (February 4, 1987).

Positions

Assistant Professor at Boğaziçi University, Department of Mathematics (November 10, 1987).
Associate Professor at Boğaziçi University, Department of Mathematics (September 24, 1991).
Professor at Boğaziçi University, Department of Mathematics (September 14, 1998).

Areas of Interest

Adelic number theory, zeta functions, sequences and series, topological algebra, applications of group theory to art and philosophy.

Works

Articles

Charaktergrade und die Kommutatorlänge in auflösbaren Gruppen, Journal of Algebra, 126 (1989) 225–251.

A very simple proof that $\mathbb{Z}[(1+\sqrt{19}i)/2]$ is a principal ideal domain, Turkish Journal of Mathematics, 16(1) (1992) 62–68.

Eğrileri doğrulaştırma problemine Fermat'nın katkıları, Matematik Dünyası, 99 (2014) 40–46.

Asal sayılar teoremi hakkında, Matematik Dünyası, 110 (2021) 21–32.

Öklid'in Elemanları, Matematik Dünyası, in press.

Books

Numbers, Boğaziçi University Press, 1991.

A Course in Algebra, two volumes. Boğaziçi University Press, 1993.

Infinite Sequences and Series, three volumes, awaiting publisher.

Point-set topology, awaiting publisher.

Book chapters

A chapter of comments and elaborations on Gauss's proofs of the fundamental theorem of algebra in *Cebirin Temel Teoremi için Dört İspat* (Four proofs for the fundamental theorem of algebra), a book consisting of translations of Gauss's proofs into Turkish. Boğaziçi University Press, 2006, 2015.

A chapter of comments and elaborations in *Eğri yüzeylere dair genel araştırmalar*, a translation of Gauss's *Disquisitiones Circa Superficies Curvas*. Boğaziçi University Press, 2012.

Translation of five chapters from *A singular mathematical promenade* by Etiénne Ghys into Turkish in *Bir tekil matematik gezintisi*, Türk Matematik Derneği, 2017.

Talks and Lectures

Limits of the Axiomatic Method, Boğaziçi University, Department of Philosophy (November 7, 1991).

Constructive Platonism, Boğaziçi University, Department of Philosophy (March 14, 1992).

From Évariste Galois to Emil Artin, Turkish Mathematical Society (April 10, 1992).

Reading a Giant—Impressions of Reading André Weil's Collected Works, Boğaziçi University, Department of Mathematics (March 3, 1999).

Mathematics of Ornaments, Turkish Mathematical Society (October 15, 2001).

Fermat Wallis Correspondence, Turkish Mathematical Society (December 3, 2007).

Pascal and the Integral Calculus, Koç University, Department of Mathematics (April 15, 2009)

A Course on Topological Algebra, The 6th Antalya Algebra Days, Antalya (May 19–23, 2004).

Groups and symmetries, preparatory lecture to the exhibition *Imaginary*, Boğaz-içi University (February 21, 2020).

Organizations

Co-organizer of the Nato Advanced Study Institute on Finite and Locally Finite Groups, Istanbul, (August 14–27, 1994).

Graduate Theses

Filiz Tümel, Reciprocity Law of Quadratic Extensions—Hilbert's Reciprocity Law (August 9, 2006).

Murat Güngör, A Comparison of Classical and Modern Treatments of the Riemann Zeta Function (June 2, 2009).

Seminars

Advanced Complex Analysis (Carl Ludwig Siegel's Topics in Complex Function Theory, 1989–1991)

Number Theory (André Weil's Basic Number Theory, 2008–2011)

Refereeship

Turkish Journal of Mathematics (numerous articles).

Membership

Turkish Mathematical Society.

Courses

MATH 111 Calculus I
MATH 102 Calculus II
MATH 111 Abstract Mathematics
MATH 131 Calculus of a single variable
MATH 132 Calculus of several variables
MATH 162 Discrete Mathematics
MATH 231 Calculus of Several Variables for Mathematics Students
MATH 232 Introduction to Complex Analysis
MATH 321 Algebra I
MATH 322 Algebra II
MATH 327 Number Theory
MATH 331 Real Analysis I
MATH 332 Real Analysis II
MATH 338 Complex Analysis
MATH 362 Algebra III
MATH 401 History of Mathematics (Gauss's *Disquisitiones Circa Superficies Curvas*)

MATH 401 History of Mathematics (The Century Before the Invention of Calculus)

MATH 471 Point-set Topology

MATH 485 Mathematics of Ornaments

MATH 486 Fourier Series

MATH 487 Binary Quadratic Forms (Gauss's *Disquisitiones Arithmeticae*)

MATH 492 Zeta Functions

MATH 493 Development of Mathematical Thought

MATH 494 Applications of Fourier Series to Number Theory

MATH 495 Gamma Function

MATH 521 Graduate Algebra I

MATH 522 Graduate Algebra II

MATH 525 Algebraic Number Theory via Valuation Theory

MATH 571 Topology

MATH 584 Topological Algebra

MATH 58R Valuation theory

MATH 660 Number Theory

Administrative

(in reverse chronological order)

Representative Head of Department of Mathematics (February 21, 2011 – May 23, 2011).

Member of the Administrative Commitee of the Feza Gürsey Research Institute (October 15, 2005 – October 15, 2009).

Faculty of Arts and Sciences, Publication Award Committee (2005, 2006, 2007).

Jury Member in the Tübitak (Turkish Scientific and Technological Research Council of Turkey) High-shool

Mathematical Project Competition (2005, 2006, 2007).

Head of Department of Mathematics (April 15, 2004 – December 31, 2006).

Advisor of Double Major Students (January 1, 1999 – April 15, 2004).

Deputy Head of Department (from November 11, 1997 till June 10, 1998 and from January 1, 1999 till April 15, 2001).

Various Disciplinary Commitees.